

3

Animal Product
Manual

Reference

Pet Food, and Livestock, Poultry, and Aquaculture Feed

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Introduction

The *Pet Food, and Livestock, Poultry, and Aquaculture Feed* section covers pet food (generally for cats and dogs), feed (food for livestock or poultry), and pet chews and toys.



Animal products might be offered for entry under descriptions that may be misleading or appear to **not** be subject to prohibition, such as additive, adhesive, feed/food additive, fertilizer, nutritional supplement, or supplement. Carefully scrutinize descriptions for prohibited products.

Feed Ingredients

Feed may contain a diverse cross section of animal products in their ingredients, as follows:

- ◆ Animal product ingredients
 - ❖ Animal fat
 - ❖ Blood meal
 - ❖ Bone meal
 - ❖ Feather meal
 - ❖ Meat meal
 - ❖ Poultry meal
 - ❖ Tankage
- ◆ Animal waste ingredients
 - ❖ Hydrolyzed hair
 - ❖ Poultry feathers
 - ❖ Poultry waste and litter
 - ❖ Urea
- ◆ Milk product ingredients
 - ❖ Buttermilk (dried, feed grade)
 - ❖ Casein
 - ❖ Caseinate
 - ❖ Whey and its by-products

Likewise, pet chews and toys may be made from a diverse variety of animal products and by-products:

- ◆ Bones
- ◆ Ears
- ◆ Horns

- ◆ Hooves
- ◆ Ligaments
- ◆ Pizzles
- ◆ Snouts
- ◆ Rawhide

Pet food may contain the same ingredients as feed. Pet food may be dry, semi-moist, or moist. Pet food can be made from meat, organs, or other by-products from cattle, chicken, pork, or lamb.

Pet food and feed usually contain rendered products. Most of the ingredients previously listed are rendered products.



Rendered products and processed protein products from countries affected with BSE are **prohibited** entry unless accompanied by a VS-issued permit.

Ingredients That May Be in Canned, Shelf-Stable Pet Food

Canned, shelf-stable pet food can no longer be released without restriction since it may contain processed animal fat, bone meal, meat meal, and by-products that are regulated because of BSE. Moreover, canned, shelf-stable seafood varieties of pet food most often contain beef by-products or poultry by-products or both as ingredients. **Never** assume that seafood varieties contain **only** seafood. Similarly, poultry varieties of pet food may contain ruminant derivatives and meat by-products.



Before you regulate pet food, know all the ingredients it contains.

Feed Supplements

Feed supplements (nutritive products that are added to feed to produce a more complete feed), and feed additives (non-nutritive products that are added to feed to affect production) may be categorized as follows:

- ◆ Anthelmintics (compounds that are used to control worms and other parasites)
- ◆ Antimicrobial agents (antibiotics and other compounds that inhibit the growth of microorganisms)
- ◆ Antioxidant products that inhibit the oxidation of fats or vitamins

- ◆ Binders (products that promote cohesiveness of pellets)
- ◆ Buffers (compounds that maintain the pH of the digestive tract)
- ◆ Carcass modifiers (products added to increase carcass leanness)
- ◆ Colostrum bolus or powder (compound containing a high level of immunoglobulins)
- ◆ Enzymes (products added to improve digestibility)
- ◆ Flow agents (products that prevent caking and improve flow of feed)
- ◆ Flavorings (products added to improve palatability or mask off-flavors)
- ◆ Hormones
- ◆ Liquid protein (protein product usually containing molasses, vitamins, urea, and trace minerals)
- ◆ Microbes or probiotics (microorganisms themselves)
- ◆ Milk replacer (milk substitute)
- ◆ Mineral and salt licks
- ◆ Vitamins
- ◆ Yeast (organism that improves feed digestion and stabilizes the pH of the digestive tract)

Articles Not Regulated in This Section

The following articles are **not** covered in this section:

- ◆ Animal waste; regulate these ingredients under ***Animal Waste and Related By-Products***
- ◆ Bird feed, **except for** that containing suet; regulate suet under ***Foreign Origin Meat and Meat Products, Ruminants***
- ◆ Blood meal, bone meal, feather meal, hoof or horn meal, or meat meal; regulate these ingredients as rendered products under ***Animal Waste and Related By-Products***
- ◆ Canned, shelf-stable pet food consisting of chopped, dried, ground, or minced fish or shellfish, and other non-animal ingredients such as aspic or gum; such products are unrestricted
- ◆ Feed made wholly from plant material
- ◆ Preserved aquatic worms (e.g., flash-frozen polychaetes or freeze-dried tubifex) have unrestricted entry

Articles Accompanied By a VS-Issued Permit

When a VS permit authorizes entry of the additive, animal food, feed, chew, supplement, or toy, then match the following information on the shipping documents with that on the permit:

- ◆ Current date
- ◆ Description of the material
- ◆ Shipper
- ◆ Consignee
- ◆ Conditions spelled out on the permit



Make sure that the permittee has signed the permit. If he or she has **not** signed the permit, then return the permit for signature.

Follow [Table 3-18-1](#) as you match the permit with the shipping documents.

TABLE 3-18-1 Validate Importation Authorized Entry by a VS Permit

| If the shipping documents: | And the: | Then: |
|--------------------------------|--|---|
| Match the permit | → | RELEASE or CONTROL as stated on the permit |
| Do not match the permit | Permit has expired | <ol style="list-style-type: none"> DO NOT RELEASE the HOLD HAVE the consignee contact VS, TTSPS (see Table 2-2-11 and Table 2-4-18) SAFEGUARD the importation until you hear from VS, TTSPS |
| | Discrepancy is other than an expired permit | <ol style="list-style-type: none"> DO NOT RELEASE the HOLD CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for further action (see Appendix H) |

Locator

When a VS Permit does **not** accompany an importation of animal food or feed, use [Table 3-18-2](#) to determine the appropriate regulatory action to take.



In order to regulate pet food, you **must** have a list of ingredients. Ask the importer or the importer's agent to provide you with a list of ingredients. Once you have list of ingredients, use the decision tables that follow.

TABLE 3-18-2 Regulatory Action on Pet Food, and Livestock, Poultry, and Aquaculture Feed (Including Chews and Toys)

| If it is: | And: | And from: | Then: |
|--|---|-----------|--|
| Pet food ¹ that is: ◆ Canned, shelf-stable ◆ Dry ◆ Semi-moist ² (dog and cat food) | From a country affected with BSE ³ | → | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | From a country free from BSE | → | GO to Table 3-18-3 |
| Chews or toys | Bones | → | GO to Table 3-18-16 |
| | Horns or hoofs | → | GO to Table 3-18-17 |
| | Rawhide | → | GO to Table 3-18-15 |
| | Other than bones, horns, hoofs, or rawhide (ears, ligaments, pizzles, or snouts) | Poultry | GO to Table 3-18-14 |
| | | Ratite | |
| | | Ruminant | GO to Table 3-18-12 |
| | | Swine | GO to Table 3-18-13 |
| Feed (for livestock, poultry, and aquaculture) | Blood meal, bone meal, hoof or feather meal | → | 1. REGULATE as a rendered product 2. GO to Animal Waste and Related By-Products on page 3-2-1 |
| | Other than a meal as listed in the cell above | → | GO to Table 3-18-19 |
| Feed additive or supplement | → | → | GO to Table 3-18-24 |
| Altogether without animal-derived ingredients (such as grain, oilseed, or roughage) | → | → | 1. APPLY plant quarantine if appropriate 2. RELEASE |
| Other than described above | → | → | 1. DO NOT RELEASE the HOLD 2. CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for further action (see Appendix H) |

1 If it is a small amount of food in a cage with dogs, cats, or laboratory animals, it is unnecessary to remove the pet food from the cage.

- 2 Dry or semi-moist pet food refers to that manufactured using an expander. Raw materials are blended. The blend is fed into an expander, and steam or hot water is added to it. The blended material is subjected to steam heat to around 305° F and pressure. The mixture is then extruded through dies that determine the final shape of the product, and is finally cooked at high temperature and pressure. The extruded food is allowed to dry. Once the food is dried, it is usually sprayed with fat or blood to make it more palatable.
- 3 If accompanied by a permit, **unrendered** chicken, fish, shellfish, or horse meat as an ingredient is admissible.

Canned, Shelf Stable or Dry or Semi-Moist Pet Food from Countries Free from BSE

TABLE 3-18-3 Canned, Shelf Stable or Dry or Semi-Moist Pet Food from Countries Free from BSE

| If from: | And: | Then: |
|-------------------------------|---|---|
| New Zealand | Is appropriately certified ¹ | RELEASE |
| | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Other than New Zealand | Fish or shellfish | GO to Table 3-18-4 |
| | Poultry | GO to Table 3-18-6 |
| | Ruminant | GO to Table 3-18-8 |
| | Swine | GO to Table 3-18-10 |
| | Animal source cannot be determined | Contact PPQ-VRS-AQI or PPQ-VRS-HQ personnel (see Appendix H) |

1 Either **one** of the following:

- ◆ Export certificate that states the following:
 - ◆ The product is of New Zealand origin
 - ◆ The animal derived products or components have been imported from *[name of country]* and meet the requirements listed in 9CFR 95.29
 - ◆ The animal-derived products or components are being re-exported from the United States
- ◆ Original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material **did not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

Canned, Shelf-Stable or Dry or Semi-Moist Pet Food Derived from Fish or Shellfish from a Country Free from BSE



Canned, shelf-stable pet food containing fish or shellfish that is chopped, dried, ground, or minced with other non-animal ingredients such as aspic or gum is **unrestricted**.


TABLE 3-18-4 Canned, Shelf Stable or Dry or Semi-Moist Pet Food Derived from Fish or Shellfish from a Country Free from BSE

| If the product is: | And: | Then: |
|---|--|---|
| Canned, shelf stable, and contains fishmeal, shellfish meal, or fish materials mixed with ruminant or poultry by-products | Is appropriately certified ¹ | RELEASE |
| | Lacks the required certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Canned, shelf stable containing only fish powder | Is appropriately certified ² | RELEASE |
| | Lacks the required certification ² | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Dry or semi-moist | → | GO to Table 3-18-6 |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
- ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material **did not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

- 2 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Product **does not** contain any rendered materials

TABLE 3-18-5 Dry or Semi-Moist Pet Food Derived from Fish or Shellfish from a Country Free from BSE

| If the product contains: | And the country of origin is known to be: | And: | Then: |
|---|---|---|---|
| Fish, fishmeal, shellfish, or shellfish meal and other non-animal ingredients |  | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of fish products with ruminant by-products | Affected with FMD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of fish products with poultry by-products | Affected with END | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from END | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of fish products with swine by-products | Affected with ASF, CSF, FMD, or SVD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from ASF, CSF, FMD, and SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR94.18(a)

Canned, Shelf-Stable or Dry or Semi-Moist Pet Food Derived from Poultry from a Country Free from BSE

TABLE 3-18-6 Canned, Shelf-Stable or Dry or Semi-Moist Pet Food Derived from Poultry from a Country Free from BSE

| If the product is: | And: | Then: |
|--|--|---|
| Canned, shelf stable (may contain poultry, poultry by-products, ruminant by-products, meat by-products, or animal fat) | Is appropriately certified ¹ | RELEASE |
| | Lacks the required certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Dry or semi-moist | —————→ | GO to Table 3-18-7 |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material **did not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

Dry or Semi-Moist Pet Food Derived from Fowl or Poultry from a Country Free from BSE

TABLE 3-18-7 Dry or Semi-Moist Pet Food Derived from Fowl or Poultry from a Country Free from BSE

| If the product contains: | And the country of origin is known to be: | And: | Then: |
|---|---|---|---|
| Solely poultry material with other non-animal derived ingredients | Affected with END | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from END | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of poultry with ruminant by-products, meat by-products, or animal fat | Affected with END or FMD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from both END and FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of poultry products with swine by-products, meat by-products, or animal fat | Affected with ASF, CSF, END, FMD, or SVD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from ASF, CSF, END, FMD, and SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

Canned, Shelf-Stable or Dry or Semi-Moist Pet Food Derived from Ruminant Material from a Country Free from BSE

TABLE 3-18-8 Canned, Shelf-Stable, or Dry or Semi-Moist Pet Food Derived from Ruminant Material from a Country Free from BSE

| If the product ¹ is: | And the shipment: | Then: |
|---------------------------------|---|---|
| Canned, shelf stable | Is appropriately certified ² | RELEASE |
| | Lacks certification ² | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Dry or semi-moist | —————→ | GO to Table 3-18-9 |

- 1 Beef, veal, lamb, or venison, or beef, veal lamb, or venison by-products or animal fat.
- 2 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

TABLE 3-18-9 Dry or Semi-Moist Pet Food Derived from Ruminants

| If the product is: | And the country or region of origin is known to be: | And: | Then: |
|---|--|---|---|
| Solely ruminant material (beef, lamb, veal, venison, or animal fat, bone, or meat meal) | Affected with FMD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of poultry with ruminant by-products, meat by-products, or animal fat | Affected with END or FMD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from both END and FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see page 2-4-25) |
| Combination of swine with ruminant by-products, meat by-products, or animal fat | Affected with ASF, CSF, FMD, or SVD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from, ASF, CSF, FMD, or SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |

1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:

- ◆ Animal species from which the material was derived
- ◆ Region where any facility in which the material was processed is located
- ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
- ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

Canned, Shelf Stable or Dry or Semi-Moist Pet Food Derived from Swine Material from a Country Free from BSE

TABLE 3-18-10 Canned, Shelf Stable or Dry or Semi-Moist Pet Food Derived from Swine Material from a Country Free from BSE

| If the product is: | And: | Then: |
|--|---|---|
| Canned, shelf stable (may contain swine, swine by-products, ruminant by-products, meat by-products, or animal fat) | Is appropriately certified ¹ | RELEASE |
| | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Dry or semi- moist | —————→ | GO to Table 3-18-11 |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
- ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

TABLE 3-18-11 Dry or Semi-Moist Pet Food Derived from Swine

| If the product is: | And the country of origin or region is known to be: | And: | Then: |
|---|---|---|--|
| Solely swine (pork) material | Affected with ASF, CSF, FMD, or SVD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from ASF, CSF, FMD, and SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of swine, poultry, or ruminant by-products, meat by-products, or animal fat | Affected with END or FMD | Is accompanied by a VS Permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS Permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| | Free from END and FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |

1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:

- ◆ Animal species from which the material was derived
- ◆ Region where any facility in which the material was processed is located
- ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
- ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

Pet Chews and Toys Crafted or Manufactured from Animal By-Products




Wash your hands after handling pet chews and toys. Certain dog chews, particularly hooves and those made of pig ears, may be contaminated with salmonella.

Pet chews and toys may be made from equine, poultry, ruminant, or swine parts. Parts include bones, ears, hooves, horns, ligaments, organs, pizzles, rawhide, or skins.

Ruminant Derived Pet Chews or Toys Made from Other Than Bones, Hoofs, Horns, or Rawhide

TABLE 3-18-12 Ruminant Derived Pet Chews or Toys Made from Other Than Bones, Hoofs, Horns, or Rawhide

| If the country or region of origin is known to be: | And: | And: | Then: |
|--|--|--|--|
| Free from both BSE and FMD | The origin is New Zealand | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | The origin is other than Canada or New Zealand | Is appropriately certified ² | RELEASE |
| | | Lacks certification ² | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Affected solely with FMD | Is fresh or frozen | Is consigned to an approved establishment | AUTHORIZE shipment under seal with VS 16-78 (see Appendix K to complete form) |
| | | Is not consigned to an approved establishment | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| | Is processed | Is accompanied by a VS issued permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| Affected with BSE or BSE in combination with FMD |  | | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |

- 1 **Either** one of the following:
 - ◆ Export certificate that states the following:
 - ◆ The product is of New Zealand origin
 - ◆ The animal-derived products or components have been imported from *[name of country]* and meet the requirements listed in 9CFR 95.29
 - ◆ The animal-derived products or components are being re-exported from the United States
 - ◆ Original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)
- 2 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

Swine Derived Pet Chews or Toys Made from Other Than Bones, Hoofs, or Rawhide

TABLE 3-18-13 Pet Chews or Toys Made from Swine Ears, Ligaments, Snouts, or Other Parts

| If the country or region of origin is known to be: | And: | And: | Then: |
|--|---|--|--|
| Free from ASF, BSE, CSF, FMD, and/or SVD | The origin is New Zealand | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | The origin is other than New Zealand | Is appropriately certified ² | RELEASE |
| | | Lacks certification ² | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Affected with ASF, BSE, CSF, FMD, and/or SVD | Fresh or frozen | Is consigned to an approved establishment | AUTHORIZE shipment under seal with VS 16-78 (see Appendix K to complete form) |
| | | Is not consigned to an approved establishment | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| | Processed | Is accompanied by a VS issued permit | RELEASE or CONTROL as specified on the permit |
| | | Lacks a VS permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |

1 **Either** one of the following:

- ◆ Export certificate stating the following:
 - ◆ The product is of New Zealand origin
 - ◆ The animal-derived products or components have been imported from *[name of country]* and meet the requirements listed in 9CFR 95.29
 - ◆ The animal-derived products or components are being re-exported from the United States
- ◆ Original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

2 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:

- ◆ Animal species from which the material was derived
- ◆ Region where any facility in which the material was processed is located
- ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
- ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

Pet Chews or Toys Made from Poultry or Ratite Parts

TABLE 3-18-14 Pet Chews or Toys Made from Poultry or Ratite Parts

| If the country or region of origin is known to be: | And: | And: | Then: |
|--|---|--|--|
| Free from END | The origin is New Zealand | Is appropriately certified ¹ | RELEASE |
| | | Lacks the required certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | The origin is other than New Zealand | Is appropriately certified ² | RELEASE |
| | | Lacks the required certification ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Affected with END | Is fresh or frozen | Is consigned to an approved establishment | AUTHORIZE shipment under seal with VS Form 16-78 (see Appendix K to complete form) |
| | | Is not consigned to an approved establishment | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| | Is processed | Is accompanied by a VS issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |

1 **Either** one of the following:

- ◆ Export certificate stating the following:
 - ◆ The product is of New Zealand origin
 - ◆ The animal-derived products or components have been imported from *[name of country]* and meet the requirements listed in 9CFR 95.29
 - ◆ The animal-derived components are being re-exported from the United States
- ◆ Original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

2 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:

- ◆ Animal species from which the material was derived
- ◆ Region where any facility in which the material was processed is located
- ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
- ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
- ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)


Pet Chews or Toys Made from Rawhide

Rawhide is the untanned, leathery skin of cattle. Rawhide is de-haired, dried, and leathery. If rawhide has been coated or ground up, it may be of concern because there is no way of knowing what additional ingredients may have been added.



Inspect rawhide chews and toys for meat fibers. Smell the product to determine if there is a strong odor. If you detect meat fibers or smell a strong odor, the product is **not** admissible.

TABLE 3-18-15 Pet Chews or Toys Made from Rawhide

| If the rawhide: | And: | Then: |
|---|---|--|
| Is plain rawhide | Upon inspection is found to be plain rawhide without added flavoring or coloring | RELEASE |
| | Upon inspection is found to be other than plain rawhide | 1. DO NOT RELEASE the HOLD 2. CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for advice (see Appendix H) |
| Was ground, molded, flavored, colored, or otherwise processed | Is accompanied by a certificate of origin and appropriate certification ¹ | RELEASE |
| | Lacks the appropriate certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| Is other than described in the two cells above |  | 1. DO NOT RELEASE the HOLD 2. CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel for advice (see Appendix H) |

1 Certification that confirms (a) the articles were made from rawhide, and (b) they contain no other ingredients of animal origin except those of U.S. origin.

Pet Chews or Toys Made from Bones, Hoofs, and Horns

This section contains articles imported primarily for dogs to chew on. Some of the articles may include the following:

- ◆ Bones
- ◆ Hoofs (plain, smoked, or stuffed with rawhide or cheese)
- ◆ Smoked beef knuckles
- ◆ Horns

Pet Chews or Toys Made from Bones

TABLE 3-18-16 Pet Chews or Toys Made from Bones

| If the article is from: | And the country or region of origin is known to be: | And is: | And: | Then: |
|--------------------------------|---|--|--------------------------------------|--|
| Ruminant | Affected with BSE | Canada | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from BSE | Other than Canada | → | |
| | | Consigned to an approved establishment | → | AUTHORIZE shipment under seal with VS 16-78 (see Appendix K to complete form) |
| | | Not consigned to an approved establishment | → | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| Swine | | Consigned to an approved establishment | → | AUTHORIZE shipment under seal with VS 16-78 (see Appendix K to complete form) |
| | → | Not consigned to an approved establishment | → | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| Neither a ruminant nor a swine | → | → | → | RELEASE |

Pet Chews or Toys Made from Hoofs or Horns




TABLE 3-18-17 Pet Chews or Toys Made from Hoofs or Horns from Ruminants

| If the hoofs or horns are from: | And the country of origin is: | And: | And: | Then: |
|---------------------------------|-------------------------------|--|--|--|
| Ruminant | Canada | Is accompanied by a VS-issued permit | → | RELEASE or CONTROL as stated on the permit |
| | | Lacks the VS-issued permit | → | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Other than Canada | Is accompanied by a certificate of processing, stating that the hoofs or horns were treated by an approved method ¹ | → | RELEASE |
| | | Lacks the certificate of processing ¹ | Consigned to an approved establishment | AUTHORIZE shipment under seal with VS 16-78 (see Appendix K to complete form) |
| | | | Not consigned to an approved establishment | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| Other than ruminant | → | | → | GO to Table 3-18-18 |

1 The certificate and certification **must** meet the following criteria:

- ◆ The certificate must be endorsed by a full-time, salaried veterinarian of the agency of the government of the exporting country that is responsible for animal health
- ◆ The information on the certificate must be in agreement with the shipment as shown by the other number, shipping marks, lot number, or other method of identification
- ◆ One of the following approved methods of processing must appear on the certificate:
 - ◆ Dry heat at 180° F (82.2° C) for 30 minutes
 - ◆ Cooking in boiling water for 20 minutes
 - ◆ Soaking for 2 hours in a 0.1 percent solution of chlorine bleach
 - ◆ Soaking for 2 hours in a 5 percent solution of acetic acid
 - ◆ Soaking for 2 hours in a 5 percent solution of hydrogen peroxide

TABLE 3-18-18 Pet Chews or Toys Made from Hoofs or Horns from Other than Ruminants

| If the hoofs or horns are from: | And: | And: | Then: |
|---------------------------------|---|---|--|
| Swine | Is accompanied by a certificate of processing stating that the hoofs or horns were treated by an approved method ¹ |  | RELEASE |
| | Lacks the certificate of processing | Is consigned to an approved establishment | AUTHORIZE shipment under seal with VS 16-78 (see Appendix K to complete the form) |
| | | Is not consigned to an approved establishment | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed in Table 2-2-11 or applying for a VS permit (see Table 2-4-17) |
| Other than swine |  |  | RELEASE |

1 The certificate and certification **must** meet the following criteria:

- ◆ The certificate must be endorsed by a full-time, salaried veterinarian of the agency of the government of the exporting country that is responsible for animal health
- ◆ The information on the certificate must be in agreement with the shipment as shown by the other number, shipping marks, lot number, or other method of identification
- ◆ One of the following approved methods of processing must appear on the certificate:
 - ◆ Dry heat at 180° F (82.2° C) for 30 minutes
 - ◆ Cooking in boiling water for 20 minutes
 - ◆ Soaking for 2 hours in a 0.1 percent solution of chlorine bleach
 - ◆ Soaking for 2 hours in a 5 percent solution of acetic acid
 - ◆ Soaking for 2 hours in a 5 percent solution of hydrogen peroxide

Feed for Livestock, Poultry, and Aquaculture

Feed is defined as materials which are distributed as food or for mixing in a ration for domestic farm and ranch animals such as cattle, sheep, swine, goats, llamas, rabbits, horses, and poultry. Feed also includes those materials distributed for food for aquaculture (to feed fish, alligators, crocodiles, crustaceans, turtles, and shellfish).

Some rations may contain solely grains and plant products. If the ingredients list **only** plant-derived material, then these are free from animal product regulations. However, these feeds are subject to plant quarantines. Many rations contain animal products or by-products to supply protein in a ration or to increase palatability.

Feed may contain protein that originated from a mammal, including other livestock, whether rendered or **not**.

EXAMPLE

Blood meal, fish meal, meat scraps, or meat meal are examples of protein that may or may **not** have been rendered.

Feed may also have milk, gelatin, waste materials, or animal fat or its derivatives as ingredients.

Since feeds are fed directly to livestock and may come from animal protein and thus contain infective agents of animal diseases (virus, bacteria, prions), feed may require a VS Permit.


TABLE 3-18-19 Feed for Livestock, Poultry, and Aquaculture

| If the list of ingredients shows: | And from: | And: | And the principle ingredient is: | Then: |
|---|------------------------|---|----------------------------------|---|
| Solely grains and plant products including cubed or pelletized hay | | | | ◆ APPLY plant quarantines as appropriate |
| | | | | ◆ RELEASE for animal health concerns |
| Combination of animal products and by-products (examples include fish meal and poultry with ruminant by-products) | New Zealand | Is appropriately certified ¹ | | RELEASE |
| | | Lacks certification ¹ | | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-4-24) |
| | Other than New Zealand | Is from a country affected with BSE | | |
| | | Is from a country free from BSE | Fish or shellfish | GO to Table 3-18-20 |
| | | | Poultry | GO to Table 3-18-21 |
| | | | Ruminant | GO to Table 3-18-22 |
| | | | Swine | GO to Table 3-18-23 |
| | | Not able to be determined | | CONTACT PPQ-VRS-AQI or PPQ-VRS-HQ personnel (see Appendix H) |

1 **Either** one of the following:

- ◆ Export certificate that states the following:
 - ◆ The product is of New Zealand origin
 - ◆ The animal-derived products or components have been imported from *[name of country]* and meet the requirements listed in 9CFR 95.29
 - ◆ The animal-derived products or components are being re-exported from the United States
- ◆ Original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and that declares the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material **did not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)

TABLE 3-18-20 Feed Containing Fish Meal or Shellfish Meal as an Ingredient from a Country Free from BSE, Except for New Zealand

| If the feed contains: | And the country of origin is known to be: | And: | Then: |
|--|---|---|---|
| Solely fishmeal or shellfish meal (may be mixed with plant material) |  | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of rendered fish products with ruminant by-products ² | Affected with FMD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options, including applying for a VS permit (see Table 2-2-11) |
| | Free from FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of rendered fish products with poultry by-products | Affected with END | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from END | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of rendered fish products with swine by-products | Affected with ASF, CSF, FMD, or SVD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks the VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options, including applying for a VS permit (see Table 2-2-11) |
| | Free from ASF, CSF, FMD, and SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options listed (see Table 2-2-11) |

- 1 Original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material **did not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)
- 2 If one of the ingredients is milk or a milk product, then regulate that product separately. See [Milk and Milk Products](#).

TABLE 3-18-21 Feed Containing Fowl or Poultry as an Ingredient from a Country Free from BSE, Except for New Zealand

| If the product is: | And the country of origin is known to be: | And: | Then: |
|--|---|---|---|
| <ul style="list-style-type: none"> ◆ Solely poultry material ◆ Poultry material mixed with plant material | Affected with END | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from END | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of poultry with ruminant by-products ² , meat by-products, or animal fat | Affected with END or FMD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks the VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from both END and FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of poultry products with swine by-products, meat by-products, or animal fat | Affected with ASF, CSF, END, FMD, or SVD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks the VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from ASF, CSF, END, FMD, and SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)
- 2 If one of the ingredients is milk or a milk product, then regulate that product separately. See [Milk and Milk Products](#).

TABLE 3-18-22 Feed Containing Ruminant Material as an Ingredient from a Country Free from BSE, Except for New Zealand

| If the product is: | And the country or region of origin is known to be: | And: | Then: |
|--|---|---|---|
| Solely ruminant material ¹ (beef, lamb, or animal fat, bone or meat meal); may be mixed with plant material | Affected with FMD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from FMD | Is appropriately certified ² | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see page 2-4-25) |
| Combination of poultry with ruminant ² by-products, meat by-products, or animal fat | Affected with FMD or END | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from END or FMD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of swine with ruminant ² by-products, meat by-products, or animal fat | Affected with ASF, CSF, FMD, or SVD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from ASF, CSF, FMD, and SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)
- 2 If one of the ingredients is milk or a milk product, then regulate that product separately. See [Milk and Milk Products](#).

TABLE 3-18-23 Feed Containing Swine as an Ingredient from a Country Free from BSE, Except for New Zealand

| If the product is: | And the country of origin or region is known to be: | And: | Then: |
|--|---|---|---|
| Solely swine (pork) material (may be mixed with plant material) | Affected with ASF, CSF, FMD, or SVD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Lacks a VS-issued permit | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from ASF, CSF, FMD, and SVD | Is appropriately certified ¹ | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Combination of swine, poultry or ruminant by-products ² , meat by-products, or animal fat | Affected with END or FMD | Is accompanied by a VS-issued permit | RELEASE or CONTROL as stated on the permit |
| | | Is appropriately certified ¹ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| | Free from END and FMD | Is appropriately certified | RELEASE |
| | | Lacks certification | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |

- 1 An original certificate signed by a full-time veterinarian of the agency responsible for the animal health in the exporting region and declaring the following:
 - ◆ Animal species from which the material was derived
 - ◆ Region where any facility in which the material was processed is located
 - ◆ Material was derived **only** from animals that have **never** been in any region listed in 9CFR 94.18(a)
 - ◆ Material did **not** originate in and was **never** stored, rendered, or otherwise processed in a region listed in 9CFR 94.18(a)
 - ◆ Material was **not** otherwise associated with a facility located in a region listed in 9CFR 94.18(a)
- 2 If one of the ingredients is milk or a milk product, then regulate that product separately. See [Milk and Milk Products](#).

Additives and Feed Supplements

A feed additive is a non-nutritive product that is added to feed to affect production. Additives include antibiotics, hormones, microorganisms (including yeast), and products used to improve the palatability and consistency of the feed to which it is added.

A feed supplement is a nutritive product that is added to feed to produce a more complete feed. Supplements include minerals, proteins, and vitamins.



Minerals and vitamins may be either synthetic (inorganic) or natural (derived from animal products).

TABLE 3-18-24 Feed Additives and Supplements

| If the product is: | And: | Then: |
|---|---|---|
| Antibiotic | → | RELEASE |
| Based on dairy products (such as colostrum or milk replacer ¹) | → | REGULATE under Milk and Milk Products on page 3-14-1 |
| Hormone | → | REGULATE under Organs on page 3-16-1 |
| Microorganism itself ² | → | RELEASE |
| Natural vitamin ³ (A,B,C, D3) or mineral ³ (calcium, phosphorous) as the only animal-origin ingredient | Is appropriately certified ⁴ | RELEASE |
| | Lacks certification ⁴ | 1. DO NOT RELEASE the HOLD 2. PROVIDE the importer with the appropriate options (see Table 2-2-11) |
| Tallow derivative (linoleic acid, stearic acid) | → | RELEASE |
| Wholly inorganic ⁵ (anthelmintic, antioxidant, binder, buffer, flow agent, mineral, synthetic flavoring, salt lick, synthetic vitamin) | → | |
| Wholly plant based ⁶ | → | |

- 1 Some milk replacers contain animal fat which is a rendered product.
- 2 Also called probiotics; for example *Bacillus* spp., *Lactobacillus* spp., *Proteus* spp., *Pseudomonas* spp., *Saccharomyces* spp., and *Streptococcus* spp.
- 3 Derived from animal products.
- 4 An original certificate issued by a veterinarian employed by the national government or region of origin that states the feed contains **no** animal-origin ingredients except for vitamins and/or minerals. If the shipment originated in Canada, then require an official certificate issued by a Canadian Food Inspection Agency (CFIA) official.
- 5 Wholly inorganic means synthetic; defined as **not** derived from animal products.
- 6 Derived from plants; may include some enzymes and flavorings (such as molasses).

